

REMARKS

Claims 1-5, 7-11, 13-23, and 25-28 remain in the application with claims 1, 2, 7, 8, 13, 14, 20, 23, and 25 having been amended hereby and claims 6, 12, 24, and 29-35 having been canceled, without prejudice or disclaimer.

Reconsideration is respectfully requested of the objections to the claims as containing informalities. The instances noted by the examiner have been corrected in the amendments made to the claims hereby. In some instances the objected-to claims have been canceled.

Reconsideration is respectfully requested of the rejection of claims 13, 14, 20, and 22-29 under 35 USC 112, first paragraph as not being enabled by the specification.

The examiner notes that although the specification describes the outputs of the envelope detectors being fed to the phase detector, Fig. 14 shows the inputs to the detectors being used in the phase detector. Fig. 14 has now been corrected to properly show the outputs of detector 1 (1) and detector (15) 2 being fed to the phase detector (37).

Accordingly, it is respectfully submitted that the claimed subject matter is now properly shown in the drawings.

Reconsideration is respectfully requested of the rejection of claims 6, 12, 20, and 29 under 35 USC 112, second paragraph, as being indefinite.

The result recited in the subject claims is, in fact, the result of the latching operation, and the claims have all been amended hereby to properly state that such result is the result

of the latching.

Reconsideration is respectfully requested of the rejection of claims 1-5, 15-19, 23-28, 30, 31, 34, and 35 under 35 USC 102(e), as being anticipated by Wessel et al.

In paragraph 10 of the instant Official Action claims 6, 12, 20, and 29 are indicated as being allowable if rewritten to overcome the rejections under 35 USC 112, second paragraph, and to include all of the limitations of the respective base claim and any intervening claims.

Claim 1 has been amended hereby to include claim 6 in its entirety. Claim 6 has been canceled. Claims 15-19 depend from claim 1. Claim 23 has been amended to include the allowable subject matter of claims 24 and 29. Claims 24 and 29 have been canceled. Claims 25-28 depend from claim 23. The cancellation of claims 30-35 renders moot the rejection thereof.

Accordingly, it is respectfully submitted that claims 1-5, 15-19, and 23-28 are patentably distinct over the cited reference.

Reconsideration is respectfully requested of the rejection of claims 7-11, 13, 14, 21, 22, 32, and 33 under 35 USC 103 as being unpatentable over Wessel et al. in view of Eggleston et al.

Claim 7 has been amended hereby to include the allowable subject matter of claim 12.

Claim 12 has been canceled.

Claims 13, 14, 21, and 22 all depend from claim 11 that now includes allowable subject matter.

Claims 32 and 33 have been canceled.

Claim 20 has been indicated as containing allowable subject matter and has now been placed in independent form by adding thereto all of the limitations of claims 1 and 15 from which it depended.

Accordingly, by reason of the amendments made to the claims hereby to include allowable subject matter, correction of the informalities noted by the examiner, and the submission of a corrected Fig. 14, it is respectfully submitted that the distortion compensation apparatus, as taught by the present invention and as recited in the amended claims, is neither shown nor suggested in the cited references, alone or in combination.

The reference cited as of interest has been reviewed and is not seen to show or suggest the present invention as recited in the amended claims.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,
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AMENDMENTS TO THE DRAWINGS

Please amend Fig. 14 by providing the outputs from detector 1 (1) and detector 2 (15) to be fed to the phase detector (37).

Attachments:

Replacement Sheet

Annotated Sheet showing changes



FIG.14